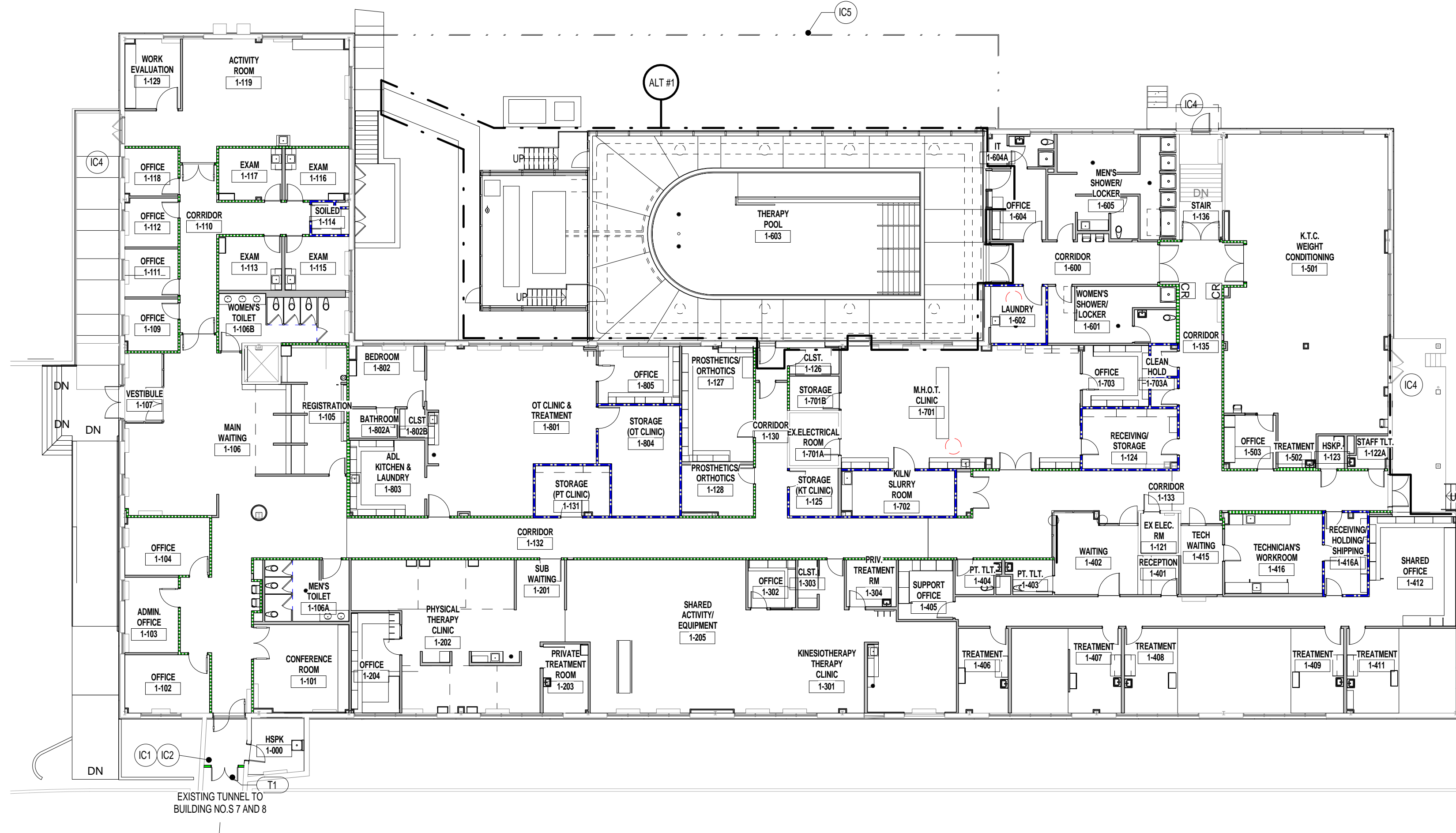


(C) BASEMENT PHASING AND ICRA PLAN
1/16" = 1'-0"



(F) FIRST FLOOR PHASING, ICRA AND ALTERNATES PLAN
1/16" = 1'-0"

ICRA GENERAL NOTES

1. PROVIDE INFECTION CONTROL PRECAUTIONS / CONTAINMENT SYSTEM AS REQUIRED BY HOSPITAL INFECTION CONTROL REPRESENTATIVE FOR ALL AREAS OUTSIDE THE LIMIT OF WORK.

ICRA AND PHASING KEYNOTES

- (IC1) PROVIDE TEMPORARY CONSTRUCTION INFECTION VESTIBULE PER PARTITION TYPE SEE SHEET AE621. PARTITION TO EXTEND TO UNDERSIDE OF DECK.
- (IC2) PROVIDE TEMPORARY DOOR WITH GASKETING TO PREVENT THE MOVEMENT OF DUST.
- (IC3) NOT USED.
- (IC4) CLOSE AND LOCK DOOR TO PREVENT THE MOVEMENT OF DUST.
- (IC5) PROVIDE METAL CHAINLINK FENCE AND GATE TO CONTAIN CONSTRUCTION ZONE. MOUNT VA SIGNAGE REQUIREMENTS PER DETAILS F00001 AND F40001. REFER TO CIVIL DRAWINGS FOR MORE INFORMATION.

ALTERNATES

- ALT #1**
- Add Alternate #1:**
Construction and fit out of therapy pool, mechanical area (1-606), pool enclosure (1-603), associated roofing, specialty equipment housed within the pool area, doors 600B, 603, 604B, and sublight 604 are all alternate.
- Mechanical sheets:** MH111, MH401, MH503, MH504, MP101, MP111 (all mechanical work related to therapy pool).
- Plumbing sheets:** PP101, PP111, PP112, PP113, PP301, PP302 (all plumbing work related to therapy pool).
- Electrical sheets:** ED101, E-102, E-103, E-104, E-105, E-601, E-603, E-604 and FA102 (all electrical work related to therapy pool).
- Base bid to include demolition of mechanical unit, slab, and fence (DB), demolition of concrete ramp and canopy (D2, D7, D11), demolition of exterior door near column G4 and subsequent infill of exterior wall.

INFECTION CONTROL RISK MITIGATION RECOMMENDATIONS MATRIX OF PRECAUTIONS FOR CONSTRUCTION AND RENOVATION

Type of Construction / Project Activity Table	
TYPE A	Inspection and Non-Invasive Activities Includes, but is not limited to: - removal of ceiling tiles for visual inspection limited to 1 tile to 50 square feet - painting (but not sanding), wall covering - electrical trim work, minor plumbing, and activities which do not generate dust or require cutting of walls or access to ceilings other than for visual inspection
TYPE B	Small scale, short duration activities which create minimal dust Includes, but is not limited to: - installation of telephone and computer cabling - access to chase spaces - cutting of walls or ceiling where dust migration can be controlled
TYPE C	Work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies Includes, but is not limited to: - sanding of walls for painting or wall covering - removal of floor coverings, ceiling tiles and casework - new wall construction - minor duct work or electrical work above ceilings - major cabling activities - any activity which cannot be completed within a single work shift
TYPE D	Major demolition and construction projects Includes, but is not limited to: - activities which require consecutive work shifts - requires heavy demolition or removal of a complete ceiling system - new construction

Patient Risk Group Table

Group 1 Low Risk	Group 2 Medium Risk	Group 3 High Risk	Group 4 Highest Risk
- Office areas (non-clinical)	- Cardiology - Endocrinology - Endoscopy - GI - Physical Therapy - Radiology/MRI - Nuclear Medicine - Respiratory Care (except bronchoscopy area) - Catheters - Outpatient areas- clinics and offices (exception: transplant and oncology)	- Emergency Room - Post Anesthesia - Care Units - Labor and Delivery - Pediatrics - Admission/Discharge area - Laboratories - Pharmacy - Inpatient units (not otherwise specified) at all A/E/N locations	- All Operating Rooms including Labor and Delivery - Anesthesia and Pump areas - Central Equipment/Sterile Supply - Cardiac Catheterization and Angiography Areas - Interventional Radiology - Radiation Oncology - All Intensive Care Units - Neonatal Nurseries, including NICU - Dialysis Unit - Oncology - inpatient & outpatient - Transplant - inpatient & outpatient - Pharmacy Administration - Negative Pressure Isolation Rooms/areas (including bronchoscopy areas)

Infection Control Matrix - Class of Precautions: Construction Project by Patient Risk

Patient Risk Group	Construction Project Type			
	TYPE A	TYPE B	TYPE C	TYPE D
LOW Risk Group 1	I	II	II	III/IV
MEDIUM Risk Group 2	I	II	III	IV
HIGH Risk Group 3	I	III	III/IV	IV
HIGHEST Risk Group 4	III	III/IV	III/IV	IV

Note: Infection Control approval will be required when the Construction Activity and Risk Level indicate that Class III or Class IV control procedures are necessary.

It is the Contractor's Responsibility to provide the following Infection Control Precautions depending upon the Area Class Designation

	During Construction Project	Upon Completion of Project
CLASS I	1. Execute work by methods to minimize raising dust from construction operations. 2. Immediately replace a ceiling tile displaced for visual inspection.	1. Wipe surfaces to remove dust.
CLASS II	1. Includes all activities required by Class I 2. Provide active means to prevent airborne dust from dispersing into atmosphere. 3. Water mist work surfaces to control dust while cutting. 4. Seal unused doors with duct tape. 5. Stock off and seal air vents. 6. Replace adhesive walk-off mats at entrance and exit of work area. Replace used mats in accordance with manufacturer's recommendations. 7. Remove or isolate HVAC system in area where work is being done to prevent contamination of dust system.	1. Wipe work surfaces with disinfectant. 2. Contain construction waste before transport in tightly covered containers. 3. Wet mop and/or vacuum work areas with HEPA filtered vacuum before leaving work areas. 4. Remove isolation of HVAC system in areas where work is being performed.
CLASS III	1. Includes all activities required by Class II 2. Obtain Infection Control Permit from Hospital Safety Officer or Facilities Management Maintenance and Engineering department before construction begins. 3. Remove or isolate HVAC system in area where work is being done to prevent contamination of dust system. 4. Complete all critical barriers before construction begins or implement control cube method. 5. Maintain negative air pressure within work site utilizing HEPA-equipped air filtration units. 6. Contain construction waste before transport in tightly covered containers. 7. Cover transport receptacles or carts. Tape covers. 8. Wet mop and/or vacuum with HEPA filtered vacuum before leaving work areas. 9. Remove isolation of HVAC system in areas where work is being performed.	1. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. 2. Contain construction waste before transport in tightly covered containers. 3. Cover transport receptacles or carts. Tape covering. 4. Wet mop with disinfectant after barriers are removed. 5. Wet mop with disinfectant after barriers are removed. 6. Remove isolation of HVAC system in areas where work is being performed.
CLASS IV	1. Includes all activities required by Class III 2. Obtain Infection Control Permit from Hospital Safety Officer or Facilities Management Maintenance and Engineering department before construction begins. 3. Isolate HVAC system in areas where work is being done to prevent contamination of dust system. 4. Complete all critical barriers or implement control cube method before construction begins. 5. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units. 6. Seal holes, pipes, conduits, and purchases appropriately. 7. Construct anteroom and require all personnel to pass through this room so they can be vacuumed using a HEPA vacuum cleaner before leaving work site or they can wear cloth or paper coveralls that is removed each time they leave the work site. 8. All personnel entering work site are required to wear shoe covers. Shoe covers must be changed each time the worker exits the work area. 9. Place adhesive walk-off mats at entrance to work areas within anteroom. 10. Replace per manufacturer's recommendations. Do not remove barriers from work area until completed project is inspected each by the Hospital Safety Officer, Facilities Management Maintenance and Engineering Department and thoroughly cleaned by the Hospital Environmental Services Department or their contracted Environmental Services Company. Contain construction waste before transport in tightly covered containers. 11. Cover transport receptacles or carts. Tape covering. 12. Vacuum work areas with HEPA filtered vacuums. 13. Wet mop with disinfectant after barriers are removed. 14. Remove isolation of HVAC system in areas where work is being performed.	1. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. 2. Contain construction waste before transport in tightly covered containers. 3. Cover transport receptacles or carts. Tape covering. 4. Vacuum work area with HEPA filtered vacuums. 5. Wet mop with disinfectant after barriers are removed. 6. Remove or isolate HVAC system in areas where work is being performed.

NOTE: SEE SHEET AE-002 FOR ALTERNATES
FULLY SPRINKLERED
ISSUED FOR BID

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PROJECT MANAGER:

Project Number	3627
Scale	As indicated
Drawing Title	FIRST FLOOR PHASING, ICRA AND ALTERNATES PLAN
Approved: Project Director	

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Approved: Project Director	

PROJECT MANAGER:

Project Title	RENOVATE BUILDING 69
Location	1400 Black Horse Hill, Coatesville, PA
Date	1/22/2014
Checked	TN
Drawn	BG

PROJECT MANAGER:

VA Project Number	542-CSI-203
Building Number	69
Drawing Number	AE002
Dwg. 15 of 86	

Office of
Facilities
Management

